

20010205.qrp v02_n089.qrl.20010205

Date: Mon, 5 Feb 2001 19:03:06 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2089

QRP-L Digest 2089

Topics covered in this issue include:

- 1) [90617] Assistance
by Chris Trask <ctrask@primenet.com>
- 2) [90618] 30 Meters
by ac5ez@webtv.net (Larry)
- 3) [90619] 40 m reciever
by "Francis Callahan" <colcal@srv.net>
- 4) [90620] FYBO summary from Pine Lake, Davenport NY
by "Joe Malloy" <jmalloy@hamilton.edu>
- 5) [90621] New operators
by k1oj <k1oj@ditdit.com>
- 6) [90622] Re: 40 m reciever
by "Bob Tellefsen" <n6wg@earthlink.net>
- 7) [90623] RE: 40 m receiver
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
- 8) [90624] FYBO de VE3ELA
by "Ken La Rose" <kenlar@csolve.net>
- 9) [90625] RE: QSL info
by "AI2Q Alex" <ai2q@adelphia.net>
- 10) [90626] Fox- K4FB Log version 2.0
by Paul Womble <pwomble1@tampabay.rr.com>
- 11) [90627] fs.....qrp
by RangerSF5@aol.com
- 12) [90628] KIT: UniCounter - preparing next shipment
by Ron Stone <rsstone@juno.com>
- 13) [90629] RE: QSL info
by "AI2Q Alex" <ai2q@adelphia.net>
- 14) [90630] NVQS Final Tally posted
by "Brian B. Riley, N1BQ" <n1bq@wulfdn.org>
- 15) [90631] TMPS - de N5IB
by n5ib@juno.com
- 16) [90632] ten tec 645 info
by "Michael Herman" <kc9nf@hotmail.com>
- 17) [90633] FS: Lots of neat QRP stuff
by "Randy Moore" <wr.moore@worldnet.att.net>
- 18) [90634] Pixie II frequency
by MITCHELLRI@aol.com
- 19) [90635] K1 Question

- by Monty N5FC <n5fc@io.com>
- 20) [90636] Re: K1 Question
by "James Parsons" <res075cz@gte.net>
- 21) [90637] Re: NVQS Final Tally posted
by Pete Burbank <plburbank@kih.net>
- 22) [90638] Monday Nite Fox Cub Announcement: N0IT
by Dave Sjolín <sjolin@swbell.net>
- 23) [90639] Re: K1 Question
by "N7SG K7FD" <cqdx@teleport.com>
- 24) [90640] Re: K1 Question
by "ZOOM" <kandrparker@sympatico.ca>
- 25) [90641] [TMPS] 2w, auto tuners and QRPP
by "Rich Dailey, KA80KH" <okh.npi@gte.net>
- 26) [90642] Re: pem nut source?
by <igeq100@iupui.edu>
- 27) [90643] IT9PK0 on 7.016 @ 0520Z
by david gauding <david.gauding@bbs.galilei.com>
- 28) [90644] FYBO - Summary for N9AW from Plymouth, WI
by "Jerry Scherkenbach" <jerrys@execpc.com>
- 29) [90645] [TMPS] de W5USJ
by "Chuck Carpenter" <w5usj@globeco.net>
- 30) [90646] SMK-1 building
by "Karl F. Larsen" <k5di@zianet.com>
- 31) [90647] Re: K1 Question
by "Lau, Zack, W1VT" <zlau@arrl.org>
- 32) [90648] Re: Pocket Power on sale at RS - \$19.99
by Rick Robinson <rrobins@email.uncc.edu>
- 33) [90649] Re: newbie question - IB0??
by John Birkett <jbirk44@yahoo.com>
- 34) [90650] Re: SMK-1 building
by John Wagner <john@neknetwork.com>
- 35) [90651] More FYBO
by "Steve/n0tu" <n0tu@webaccess.net>
- 36) [90652] FS: Vibroplex Vibrokeyer
by "James Parsons" <res075cz@gte.net>
- 37) [90653] FDIIM 2001 - Contest
by "Kenneth Evans" <w4du@mediaone.net>
- 38) [90654] Battery source
by "AI2Q Alex" <ai2q@adelphia.net>
- 39) [90655] QRPTTF date??
by agtaylor@llnl.gov
- 40) [90656] Re: TMPS - de N5IB
by Pete Burbank <plburbank@kih.net>
- 41) [90657] Re: Pocket Power on sale at RS - \$19.99
by "George, W5YR" <w5yr@att.net>
- 42) [90658] Vibrokeyer SOLD
by "James Parsons" <res075cz@gte.net>
- 43) [90659] Re: SMK-1 building

- by "Mike Branca" <w3irz@att.net>
- 44) [90660] FYBO Logs
by "Bob Hightower" <nk7m@extremezone.com>
- 45) [90661] Sierra Review-June 96 QST?
by "Adams, Mark" <madams@facilities.buffalo.edu>
- 46) [90662] KI6DS FYBO Report
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 47) [90663] Re: Pocket Power on sale at RS - \$19.99
by <mjfitz@uswest.net>
- 48) [90664] OT - Juno Warning
by <baltimoremd@baltimoremd.com>
- 49) [90665] Autek WM-1 for QRP
by "Tom Scott" <tomrscott@sterlink.net>
- 50) [90666] KPCB
by <wd9eyb@butler.qrp.com>
- 51) [90667] FYBO 2001
by "Mitchell, Jon" <jon.mitchell@commerceone.com>
- 52) [90668] RE: Autek WM-1 for QRP
by "Tom Scott" <tomrscott@sterlink.net>
- 53) [90669] Help - SRF1733
by Pat Byers <pbyers@rttinc.com>
- 54) [90670] Wire yagi
by "Nico Vertriest - Uunet" <nvcw@village.uunet.be>
- 55) [90671] RE: Autek WM-1 for QRP
by Michael Melland <badger@vbe.com>
- 56) [90672] Re: FYBO Logs
by "Bob Hightower" <nk7m@extremezone.com>
- 57) [90673] Re: Help - SRF1733
by "Craig A. Ferris" <cferris@aeronix.com>
- 58) [90674] Got a Greenlee punch?
by K2UD@aol.com
- 59) [90675] Ten Tec 315 receiver
by Rick Robinson <rerobins@email.uncc.edu>
- 60) [90676] FYBO de K2UD
by K2UD@aol.com
- 61) [90677] Richard Arland, where are you??
by "Doug Hendricks" <ki6ds@dph.dpol.net>
- 62) [90678] PC Board source
by KF4YYD@aol.com
- 63) [90679] What is RIT?
by "Benedict B. Cruise" <B.Cruise@worldnet.att.net>
- 64) [90680] K1 #124 is on the air
by Larry S Cahoon <wd3p@juno.com>
- 65) [90681] Monday Nite Fox Cub Announcement: N0IT
by Dave Sjolin <sjolin@swbell.net>
- 66) [90682] Re: Field radio/batt/solar?
by Mike <mmorrow@companet.net>
- 67) [90683] Re: What is RIT?

by "George, W5YR" <w5yr@att.net>
 68) [90684] Re: What is RIT?
 by "ZOOM" <kandrparker@sympatico.ca>
 69) [90685] Hellschreiber QRP with my K2
 by Jim Hale <kj5tf@yahoo.com>
 70) [90686] Re: 40 m reciever
 by "laura halliday" <marsgal42@hotmail.com>
 71) [90687] [TMPs] So Far @ WA4DOU
 by wa4dou@excite.com
 72) [90688] Re: What is RIT... XIT?
 by Roger Traylor <traylor@ece.orst.edu>
 73) [90689] Re: What is RIT... XIT?
 by "ZOOM" <kandrparker@sympatico.ca>

 Date: Sun, 4 Feb 2001 17:10:20 -0700 (MST)
 From: Chris Trask <ctrask@primenet.com>
 To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
 Subject: [90617] Assistance
 Message-ID: <Pine.BSI.3.96.1010204170937.23030B-1000000@usr05.primenet.com>
 MIME-Version: 1.0
 Content-Type: TEXT/PLAIN; charset=US-ASCII

Does anyone on this list live near Williston, Florida?

Chris

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      /   What's all this   \
      / extinct stuff, anyhow? \
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High Performance Mixers and
 Amplifiers for RF Communications

Chris Trask / N7ZWY
 Principal Engineer
 Sonoran Radio Research
 P.O. Box 25240
 Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Date: Sun, 4 Feb 2001 18:28:12 -0600 (CST)
From: ac5ez@webtv.net (Larry)
To: qrp-l@lehigh.edu
Subject: [90618] 30 Meters
Message-ID: <12573-3A7DF39C-7090@storefull-112.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

Just made a nice contact with a mobile , Ka5gcb in Round Rock Texas with my Ohr 30m 5 watt rig. My hat is off to the guys who can run mobile cw.

K1zw
Larry
Qcwa

Date: Sun, 4 Feb 2001 17:50:56 -0700
From: "Francis Callahan" <colcal@srv.net>
To: <QRP-L@Lehigh.edu>
Subject: [90619] 40 m reciever
Message-ID: <001101c08f0d\$b3e8d020\$4ede070c@callahan>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am looking some information on what would be a good 40m reciever to match up to my TT2 either in a kit or something already built 72 Cal KF7ET misplaced Vermonter in Idaho

Date: Sun, 4 Feb 2001 19:55:50 -0500
From: "Joe Malloy" <jmalloy@hamilton.edu>
To: <qrp-l@Lehigh.EDU>, <ft817@yahoogroups.com>
Subject: [90620] FYBO summary from Pine Lake, Davenport NY
Message-ID: <000001c08f0e\$624ab070\$56821e40@mozart>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi, guys! Well, I completed my first FYBO and thanks to the AZ Scorpions for sponsoring a really fun outing. I operated for about two hours from Pine Lake, which is outside of Davenport, NY, in the middle of nowhere (it's the "environmental campus" of Hartwick College, for whom my XYL is the dean of academic affairs). It was *cold*! Temperature was about 18 degrees when I started about 2 PM and it dropped a bit by 4 PM when I noticed my fingers were too hard to control when writing down information. Rig used was an FT-817 powered by 8 RS NiMH AA cells and, I must say, they lasted for the afternoon and into the evening -- I was pleasantly surprised. My antenna was a more-or-less NorCal doublet strung between trees and fed by my ZM-2 tuner. Everything worked surprisingly well, limited only by the location of the antenna.

I came home at about 6 PM and made 3 more qso's from the home on battery power (still) for a grand total of 12 (yep, count'em, 12!) stations in 12 SPC's, temperature multiplier for 9 of those Qs is 6, in the field multiplier 2 and I think that's it.

Despite the less-than-stellar performance, I had fun -- and my XYL (Laura) assisted and walked around the lake a couple of times in the snow, which was fun. Can't wait for next year -- I'm gonna get me an SLV and see how that works. And I'm also going to mention it at the OARC (Oneonta ARC) *before* the event and see if I can't drum up a little assistance. (I'm actually in Clinton, NY, now, about 60 miles NW of Oneonta, and I work here, hence the difficulty making the meetings work out for the OARC.)

72,

Joe, W2RBA

Date: Sat, 03 Feb 2001 19:02:27 -0600
From: k1oj <k1oj@ditdit.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [90621] New operators
Message-ID: <001101c08e46\$24d704a0\$0b01a8c0@k1oj>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Howdy all,

Saturday was a fun day. We took advantage of the Ten Ten International contest to introduce some new (and some not so new) operators to HF and contesting. We had a great turn out. Guys and gals, young and old sat down in front of the mic and gave it their best. I have posted some preliminary pictures on the web at www.ditdit.com , under 'Photos' of course!

OJ
ditdit

Reply To:
k1oj@ditdit.com
k5oj@ditdit.com
www.ditdit.com

Date: Sun, 4 Feb 2001 17:31:48 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [90622] Re: 40 m reciever
Message-ID: <000d01c08f13\$6a3b5dc0\$c2d8fc9e@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, Cal, it depends on how much performance you want from that receiver. Even simple can do fairly well with good conditions and a good antenna. When a bunch of us built the TT2 and the MRX40 (a simple DC receiver), I worked OK from the SF Bay area on 40m one evening, using these two units. Power out was about .25 watt as I recall. I've never done that again, however :-)
73, Bob N6WG

Date: Sun, 4 Feb 2001 20:49:53 -0500
From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [90623] RE: 40 m receiver
Message-ID: <GCECIJFJPOHMCKACOA0BKEFICCAA.jakecart@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Cal:

If you're looking for a kit, check out the Ten Tec "Any Band Receiver" kit. It's about the 3rd one down on the list at <http://www.tentec.com/rcvrkit.htm#1056store> . I built one for 30m and it works well for a \$30 rcvr.

I scratch-built my own receiver from the Neophyte design available from the ARRL at:

<http://www.arrl.org/tis/info/pdf/28814.pdf>

Mine works well -- the manhattan-style construction matches my TT2 nicely :-)

My Neophyte is at: <http://sites.netscape.net/jakeycarter/neophyte>

My Tuna Tin is at: <http://pweb.netcom.com/~jakecart/TT2.html>

FAR Circuits offers PC boards for a bunch of receivers. The list is at: <http://www.cl.ais.net/farcir/receiver1.htm> .

Good Luck,

Jake - N4UY

Vienna, VA

(Wash DC suburbs)

Date: Sun, 4 Feb 2001 20:49:39 -0500
From: "Ken La Rose" <kenlar@csolve.net>
To: <qrp-l@Lehigh.EDU>
Subject: [90624] FYBO de VE3ELA
Message-ID: <000901c08f15\$eb4f45a0\$5f26e2d1@kenlar>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yesterday I took a casual approach to this classic event, which seems to be gaining popularity every year.

The day dawned very cold, with fortunately no apparent wind. After lunch I pulled my longwire antenna feed from the house and led it to the backyard. After digging out 3 feet of snow from around the garden shed doors, I was able to rescue a lawnchair and table to operate from.

Setup was a Heathkit HW-9 transceiver powered by a 7 Ah gel cell, antenna tuner/SWR bridge, and keyer/paddle. Logging was accomplished on paper using a pencil.

Operation spanned 3 hours, interrupted by numerous breaks. Fired up first on 15m, then switched to 20m, where the bulk of my contacts were made. Finally tuning up on 40m, the poor battery must have been nearly depleted, as I could only coax out a feeble half-watt! Darkness and snow were falling, and dinner was ready, so I packed everything up. From a high temperature of 22 deg. F when starting out, the mercury had plummeted to 13.

My scoresheet reads like this:

23 QSOs, 17 SPCs, x6 temp. multi., x2 alt. pwr multi., totalling 4692 points.

Thanks to everyone who participated! Also thanks to Bob Hightower and the AZ ScQRPions for hosting this unique event annually. Coupled with their BUBBA competition in the suffocating summer heat, I call it "EXTREME QRP contesting" and I love it!

72, de Ken VE3ELA Midland, On.

Date: Sun, 4 Feb 2001 20:52:11 -0500
From: "AI2Q Alex" <ai2q@adelphia.net>
To: "'Mike Mellinger -- WA0SXV'" <wa0sxv@mellinger.com>
Cc: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [90625] RE: QSL info
Message-ID: <002401c08f16\$41f06560\$7e0af618@knbunk.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks Mike. That might be the key to success, although I sent my QSLs to him in 1999--and still nothing back via the bureau!

-- Vy 73, AI2Q, Alex

-----Original Message-----

From: Mike Mellinger -- WA0SXV [mailto:wa0sxv@mellinger.com]
Sent: Sunday, February 04, 2001 8:34 PM
To: ai2q@adelphia.net
Subject: Re: QSL info

If no one has already replied, be advised that V51AS takes cards at his address but if you only send \$1 or 1 IRC, they come back via the bureau. Assume 2 IRC's would get direct but haven't received cards that way either.

73,
Mike WA0SXV

----- Original Message -----

From: "AI2Q Alex" <ai2q@adelphia.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, February 02, 2001 11:18
Subject: RE: QSL info

> I might add that I've sent cards to V51AS as per his request "to the
> callbook address."
>
> Last night I snagged him on 80-meter CW, so I checked my records. I sent
> cards to him in 1999 to the Swakopmund box and haven't received anything
> back yet.
>
> Has anyone else on this list received a card from V51AS? If so, what
address
> or route was successful?
>
> Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.
>
>
>
> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> k1oj
> Sent: Wednesday, January 31, 2001 8:01 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: QSL info
>
>
> You can find the QSL routes from my web page at www.ditdit.com , I checked
> all the calls you mentioned and all were available via the QRZ manager
> button except V51AS, he can be found using the 'RW1QM' button.
>
> OJ
> ditdit
>
> Reply To:
> k1oj@ditdit.com
> k5oj@ditdit.com
> www.ditdit.com

> ----- Original Message -----
> From: "John Harper" <ae5x@qsl.net>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Thursday, February 01, 2001 5:43 PM
> Subject: QSL info
>
>
> > Does anyone know of a web site with qsl manager info for recently active
> DX
> > stations?
> > Specifically looking for :
> > 9G5AA
> > 3V8BB
> > V51AS
> > D4A
> >
> > Thanks and 72,
> >
> > John Harper AE5X
> > Outdoor QRP & Lowband DXing: <http://www.qsl.net/ae5x>
> >
> >
> >
>
>
>

Date: Sun, 04 Feb 2001 20:51:23 -0500
From: Paul Womble <pwomble1@tampabay.rr.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [90626] Fox- K4FB Log version 2.0
Message-ID: <3A7E071B.67D57A7E@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Final log will go to the hunt committee tomorrow afternoon. Speak now...

Paul K4FB

0201	W0PWE	599	IA	JERRY	5W
0202	N4ROA	599	VA	DAN	4W
0204	W5TB	559	TX	DOC	5W
0205	N1LN	599	TX	BRUCE	4W

0206	VA6RF	559	AB	EARL	5W
0206	K0EVZ	599	ND	DOC	5W
0207	N5EN	559	TX	STAN	5W
0208	N4SO	599	AL	KEN	5W
0208	K10J	559	TX	OJ	5W
0209	AA0ZZ	559	MN	CRAIG	5W
0210	KQ5U	559	TX	TERRY	5W
0211	K0MP	559	CO	BILL	5W
0212	W9XU	559	WI	RON	5W
0212	K5VUU	559	TX	ED	5W
0213	K4ADI	579	SC	FRANK	5W
0214	K5ZTY	559	TX	BILL	5W
0215	WA50JE	559	TX	DANNY	5W
0216	K4GT	559	GA	JIM	5W
0217	W9XT	559	WI	GARY	5W
0217	KK5LD	559	TX	DAN	5W
0218	W0UFO	559	MN	MERT	5W
0219	WA9TZE	559	WI	JIM	5W
0219	WE9K	599	WI	GLENN	5W
0220	K5PSH	599	TX	JERRY	5W
0221	W5YR	559	TX	GEORGE	5W
0221	K3IU	579	RI	KEN	5W
0223	W5PF	559	TX	PAUL	5W
0224	N1FN	559	CO	ET	5W
0225	N3AO	599	PA	CARTER	5W
0225	K5JHP	559	TX	BILL	5W
0226	N2CQ	559	NJ	KEN	5W
0227	N0UR	579	MN	JIM	5W
0227	K6VNX	559	CA	ARLEN	5W
0228	W0CH	559	MO	DAVE	5W
0229	AE9K	559	WI	BRIAN	5W
0230	AC5JH	559	OK	TOM	5W
0231	W0RSP	559	SD	ADE	3W
0232	K8EP	569	TX	ED	100W
0232	W5SB	559	TX	BILL	5W
0233	NK7M	559	AZ	BOB	5W
0234	W5HNS	559	TX	HENRY	5W
0235	WS4S	579	TN	CONARD	5W
0236	N8IE	559	OH	DAN	5W
0237	AF4PP	559	GA	CHUCK	5W
0237	K7JY	559	IN	JOHN	5W
0238	KR5C	559	TX	GEO	5W
0239	NQ7X	559	AZ	FLOYD	5W
0240	N0AR	559	MN	SCOTT	4W
0241	AB8DF	559	MI	ED	5W
0241	N6WG	559	CA	BOB	5W
0242	K7RE	559	AZ	BRIAN	5W
0243	KV2X	559	NY	TOM	5W

0244	K5TR	559	TX	GEO	5W
0245	N5UW	579	OK	CLIF	5W
0246	K4TJD	559	GA	TOM	5W
0246	NV4V	599	KY	PETE	5W
0247	N9AW	559	WI	JERRY	5W
0247	K5OI	559	NM	TIM	5W
0249	NK6A	559	CA	DON	5W
0249	K5AAR	559	OK	DON	5W
0250	N2WW	559	CO	LARRY	5W
0251	N5IB	559	LA	JIM	5W
0251	VE5RC	339	SK	BRUCE	5W
0252	K0FRP	579	CO	AL	5W
0253	K7FD	559	OR	JON	5W
0254	K5DI	579	NM	KARL	5W
0254	KS4L	559	AL	RANDY	5W
0255	W0RW	559	CO	PAUL	5W
0258	KB1ENS	559	VT	JOHN	5W
0259	WV9N	559	OH	RANDY	5W
0259	K5JS	559	LA	JOHN	5W
0300	N5JI	559	TX	RICH	5W
0301	K4BYF	539	FL	JACK	5W
0303	VE6EX	559	AB	DAN	5W
0303	K5DW	559	TX	DON	5W
0304	KI0II	559	CO	RON	5W
0305	KC1FB	559	CT	JIM	5W
0307	AA7EQ	559	AZ	BOB	5W
0308	N4JIU	559	TN	BRUCE	5W
0308	K2QO	559	NY	MARK	5W
0309	W3ERU	559	MD	WES	5W
0310	AF4LQ	579	KY	MIKE	5W
0311	K9IUA	559	ND	KEVIN	5W
0313	AA7XA	559	OR	FRANK	5W
0315	WA5REJ	559	TX	ALLEN	5W
0316	NM5M	559	TX	ERIC	5W
0317	NK9G	559	WI	RICK	5W
0319	WU9F	559	WI	TERRY	5W
0320	N1TP	579	FL	TOM	5W
0320	W3PNL	599	PA	JOE	5W
0321	AD2A	559	NJ	DAVID	5W
0322	KU4TN	559	VA	JAMES	5W
0324	WA5BDU	579	AR	NICK	2W
0325	K5KW	589	OK	DON	5W
0326	WR5O	559	TX	DAVE	5W
0327	WD5CMA	559	LA	GLORIA	500MW
0328	N1ODL	559	NH	ARON	4W
0329	NU8S	559	OH	DENNIS	2W
0331	W1HUE	559	ID	LARRY	5W
0332	K3NG	559	PA	GOODY	5W

0334	W6ABC	559	CA	JACK	5W
0335	WA7TQK	559	ID	BILL	5W
0336	W2XN	339	FL	FRED	5W
0336	N0TK	559	CO	DAN	5W
0337	KJ0C	559	MO	JIM	5W
0337	W5USJ	559	TX	CHUCK	3W
0338	N5TW	599	TX	TOM	5W
0339	W7AQK	559	AZ	DAVE	5W
0339	NF0R	599	MO	DAVE	3W
0340	AF4PS	559	FL	MAC	4W
0341	KA3WTF	559	PA	FRAN	5W
0342	AE6TT	599	CA	ALAN	5W
0344	AA2PF	559	NY	DAVE	5W
0344	W0JOE	559	MO	JOE	5W
0345	K5LN	559	TX	BILL	5W
0346	N2ZHY	559	NJ	DAVID	2W
0347	KD3OG	559	NJ	STEVE	3W
0348	AB0CD	559	CO	DICK	5W
0349	N4VM	559	TN	BRYN	5W
0349	N5ET	559	TX	BOB	5W
0350	N5IW	559	TX	DAVE	5W
0351	VE3FAL	559	ON	FRED	5W
0352	KD7CTF	559	OR	LEE	5W
0400	K4FB	xxx	FL	FOX	5W

Date: Sun, 4 Feb 2001 21:05:39 EST
 From: RangerSF5@aol.com
 To: qrp-1@lehigh.edu
 Subject: [90627] fs.....qrp
 Message-ID: <13.11041fb2.27af6473@aol.com>
 MIME-Version: 1.0
 Content-Type: text/plain; charset="US-ASCII"
 Content-Transfer-Encoding: 7bit

Hi Gang,
 I have the "EARLY" NC-40 with a 1 turn pot and a KC-1 keyer installed.
 Unpainted case.
 Has power ON/off switch and same for the RIT.
 Works like a champ.
 \$75.0 shipped
 Bob
 WA2HOQrp <tm>
 "C-4" It isn't just for breakfast anymore

Date: Sun, 4 Feb 2001 21:13:28 -0500
From: Ron Stone <rsstone@juno.com>
To: qrp-1@lehigh.edu
Subject: [90628] KIT: UniCounter - preparing next shipment
Message-ID: <20010204.211412.-197117.0.rsstone@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi Everyone,

I'm getting ready to order parts for the next batch of kits that I will mail out in a few weeks. If I receive your check by 2/13, you'll be good for the 1/21 shipment.

The UniCounter is a low cost (\$25 postpaid), very flexible frequency counter/electronic dial kit. An article on it was published in QST - December 2000. A brief description and ordering information is provided below and more details can be found at:

<http://homestead.juno.com/rsstone/unicounter.html> While you're at the site be sure to check out Denny's (N9JXY) custom installation in an Altoids tin. Really neat!

To help me order parts as quickly as possible, please send me an email if you're interested in the kit. Thanks.

72,

Ron (KA3J)
Bethesda, MD

UNICOUNTER DESCRIPTION

The UniCounter can serve as a bench counter (offers 10 Hz resolution up to 30+ MHz), and as an programmable electronic dial for up to 8 radios. Cost was kept low by using a single 7 segment LED that displays the digits (up to 8) serially. You can select the digits that you want displayed and the display rate. The fastest display rate is equivalent to about 74 WPM - fast enough to quickly find a specific frequency while tuning through a band. The UniCounter also can be programmed to handle most common mixing schemes and reverse tuning VFO/VXOs.

The display rate, digit range, operating mode (continuous display versus single display/sleep), offset mode (mixing scheme selection), and 7

offset (calibration) digits are stored in a frequency display profile. Up to eight profiles can be programmed and you can switch between them in seconds. This allows you to quickly move the UniCounter from rig to rig. The kit includes all board-mounted parts. You just need to supply a switch (almost anything will do), a DC power jack or battery clip, some coax, and a case for the 1.5" x 2.5" PC board.

ORDERING INFORMATION

Complete kit (PC board, all board mounted parts and instructions) - \$25 postpaid; Partial kit (programmed PIC, crystal and instructions) - \$17 postpaid.

Payment must be in US funds; US and international money orders and personal checks (US only) are accepted. Payment should be made out to Ron Stone and send to:

Ron Stone
4 Park Overlook Court
Bethesda, MD 20817

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 4 Feb 2001 21:12:11 -0500
From: "AI2Q Alex" <ai2q@adelphia.net>
To: "'Bill ROWLETT'" <kc4atu@yahoo.com>
Cc: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [90629] RE: QSL info
Message-ID: <003301c08f19\$0d08aa80\$7e0af618@knbunk.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thank you for this VERY interesting information Bill.

Vy 73, AI2Q, Alex QRP-L 687

-----Original Message-----

From: Bill ROWLETT [mailto:kc4atu@yahoo.com]

Sent: Sunday, February 04, 2001 9:08 PM
To: ai2q@adelphia.net
Subject: RE: QSL info

As a worker in the incoming bureau, it can and does take as many as five years or more for some cards to come through. I am sorting cards which have dates from '94 and '95. So hang in, it may be a long wait.

Many of the over seas bureaus only ship once a year, and some only when the cards reach a pre set total weight (one full mail bag).

73, Bill

Get personalized email addresses from Yahoo! Mail - only \$35 a year! <http://personal.mail.yahoo.com/>

Date: Sun, 4 Feb 2001 21:11:07 -0500
From: "Brian B. Riley, N1BQ" <n1bq@wulfden.org>
To: "W1M00 List" <w1moo@egroups.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [90630] NVQS Final Tally posted
Message-ID: <LPBBJAGIPFHKPJENAKLOKEEDDKAA.n1bq@wulfden.org>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

After calling in several archeologists to decipher the parts of the log that were written in ancient Sanskrit, we came up with 84 QSOs, 33 SPCs, and 6x temp multiplier, 4x field multiplier, and 2x alternative power multiplier for a total score of just over 133,000 points ... our logs and FYBO pictures are located the website at
<<http://www.wulfden.org/NVQS/>>

72 de brian, n1bq

--
N1BQ-3 @ 44 31.73N 072 51.55W
WideN-N digi and weather station in Underhill Center, VT
<<mailto:n1bq@wulfden.org>>
NoVT QRP Society <<http://www.wulfden.org/NVQS/>>

AMSAT LM-1418 NJQRP #274
QRP-L #2276 Zombie #768

Date: Sun, 04 Feb 2001 21:44:11 EST
From: n5ib@juno.com
To: qrp-l@lehigh.edu
Subject: [90631] TMPS - de N5IB
Message-ID: <20010204.203938.8231.3.n5ib@juno.com>

The latest 30 meter scoop from Cajunland.....

Nice contact with AA9AA in WI who was using a 38 Special. Tried for AA5JH, Tom, in OK and had a "sorta" QSO. We couldn't hear each other at all, but W4YIH in Miami relayed for us - that was kinda fun...

72
Jim N5IB

TMPS-2001 from Baton Rouge, LA Jan 11 - Feb 04, 2001
Q's = 30 States = 16 Counties = 25 DX = 5
GM-30 (autographed by NN1G), 2 watts, J-38 straight key
40 m full-wave horizontal loop at 15 ft
LA FL AZ ND SC TX AL IA CO CA WI NM KY GA MO IL
DX: K C02 XQ1 V31 ZF2
see the rig at <<http://www.qsl.net/n5ib>>

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 05 Feb 2001 02:55:54
From: "Michael Herman" <kc9nf@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [90632] ten tec 645 info
Message-ID: <LAW2-F33zM0SIviAiq10000419d@hotmail.com>
Mime-Version: 1.0
Content-Type: text/html

<html><DIV>Does anyone have a copy of the info sheet on a ten tec 645 keyer??</

DIV>

<DIV> </DIV>

```
<DIV>Mike n9nf&nbsp;&nbsp;  kc9nf@hotmail.com</DIV><br clear=all><hr>Get your FREE  
download of MSN Explorer at <a href="http://explorer.msn.com">http://  
explorer.msn.com</a><br></p></html>
```

Date: Sun, 4 Feb 2001 21:11:22 -0600

From: "Randy Moore" <wr.moore@worldnet.att.net>

To: "Low Power Amateur Radio Discussion" <grp-l@Lehigh.EDU>

Subject: [90633] FS: Lots of neat ORP stuff

Message-ID: <NBBBJGGJJNBGADODHMFDELFDEFEEA.wr.moore@worldnet.att.net>

MIME-Version: 1.0

Content-Type: text/plain;

```
charset="iso-8859-1"
```

Content-Transfer-Encoding: 7bit

Got to find new homes for these neat items:

DSW-20 - 2w., 20m, PIC controlled, superhet cw xcvr from Dave Benson at Small Wonder Labs. Beautiful QSK, built-in keyer, RIT, morse frequency annunciation. **Tiny** metal SWL enclosure. Added an on/off switch on front (sorry Dave). Excellent condx. w/manual. \$145

SW-30+ - 2w., 30m superhet cw xcvr from SWL. Also beautiful QSK. I've added a K9 keyer and front panel on/off switch. Includes metal SWL enclosure and manual. Works great! \$110

SWL RIT kit for SW+ rigs - unbuilt. \$15

SWL Freq Mite for SW+ rigs (other rigs possible as well) - morse frequency annunciator. Unbuilt. \$17

OHR Explorer II - 2w., 40m superhet cw xcvr from Oak Hills Research. Variable bandwidth filter and RIT (great for 40m Fox hunts - its nabbed numerous pelts). Great QSK. I've added a K8 keyer. Checked it out today and its loads of fun! \$100

NORCAL BLT (Balanced Line Tuner) - unbuilt. \$22

MFJ 16010ST tuner. Small size, no meter, excellent condx. \$50

MSC Smart Keyer - contest keyer with keypad entry, 6 memories, automatic serial number generation, nested messages. \$75

All the above plus shipping.

Tnx es 72,
Randy, KS4L
QRP-L #468

Date: Sun, 4 Feb 2001 22:37:53 EST
From: MITCHELLRI@aol.com
To: qrp-l@lehigh.edu
Subject: [90634] Pixie II frequency
Message-ID: <d0.11128ba9.27af7a11@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

After the help all gave for my challenges with the ramsey kit, here we go again!

In spite of advice from all, I built the Pixie II for 40 meters. Although there was an ample supply of propane, I managed to make the rig work. However, it receives higher than the rock, missing the action at 7.040. I hear .042. How can I net the x-tal to the 7.040? A cap at the x-tal? A 357 magnum?

Thanks in advance for your help. The Pixie is in an Altoids can, 9-volt battery, really old straight key. The challenge is to prove that I can make a legit QSO with this rig. Once going, it will join the TT-2 and the Ramsey 1-watter.

By the way, I eliminated the RFI from local broadcast stations by using the BLT tuner, not using ferrite beads. BC is less than 3 miles from here. It seems that a tuned antenna works better than the beads. (Duh! I shudda known that!?) So much for an advance class ticket.

No, a full gallon is not a case of cheap wine.

WA1GJF

L. Mitchell

Date: Sun, 04 Feb 2001 22:24:22 -0600
From: Monty N5FC <n5fc@io.com>
To: qrp-l@Lehigh.edu
Subject: [90635] K1 Question
Message-ID: <4.3.2.7.1.20010204221124.00a8ee50@mail.io.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hey Gang!

I've been considering building the Elecraft K1, and wanted to hear for myself how the receiver worked. My friend Sam, N5WU, was kind enough to part with his for a week so I could give it a workout. After 4 QSOs (2 on 20, 2 on 40), I have my first impressions and a question for other K1 builders.

I've been operating on a 12V gel cell at 12.3 V, and the rig has plenty of reserve gain in both the RX and TX chain. And it's rock-stable through an hour-long session, even with only a few minutes of warm-up. I've had really good reports on tone and keying.

The receiver seems pretty hot - plenty sensitive enough on 40, and not quite as sensitive on 20 as my TenTec Scout, but the Scout is exceptionally hot. The filters are just about right for CW. And the ergonomics is pretty good, too. I was surprised how smoothly the 10-turn pot tunes.

The S-meter is a little odd (vertical stripes on the frequency display) and the accuracy is totally unknown. But this is small potatoes, and hardly worth fretting over.

The RIT is too twitchy for my taste (± 3 KHz), but the circuit is pretty straight-forward, and changing a couple of resistors would take care of that problem.

The AGC has good dynamic range, but has a very annoying habit of popping LOUDLY on the leading edge of a newly acquired signal or noise crash... I'm going to study on that circuit and see if I can understand why that is (hopefully it is fixable), but has anybody had similar problems with the AGC? Did you manage to fix it, and if so, how?

All in all, this rig looks like a real winner! Elecraft has done it again! (but you knew that, didn't you?)

72,
monty N5FC

Monty Northrup, N5FC
Austin, Texas
e-mail: n5fc@io.com
web page (ham radio): <http://www.io.com/~n5fc>
web page (home): <http://www.io.com/~maddog>

Date: Sun, 4 Feb 2001 22:26:01 -0600
From: "James Parsons" <res075cz@gte.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [90636] Re: K1 Question

Message-ID: <007801c08f2b\$bf773440\$7c640304@vz.dsl.genuity.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Monty, I do not have any AGC popping at all that I have noticed. I hope you find your problem.

73 de Jim, K5ROV...

James (Jim) Parsons, K5ROV, CMSgt, USAF, Ret., Ham for 60 yrs.
k5rov@arrl.net, QCWA, ARCI, Fists, ARRL, ARMS.
EX: W1RLA, K5FBB, K4FEO, SV0WN (CRETE), SV0WN (RHODES),
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

----- Original Message -----

From: "Monty N5FC" <n5fc@io.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, February 04, 2001 22:24 PM
Subject: K1 Question

> Hey Gang!

>

> I've been considering building the Elecraft K1, and wanted to hear for
> myself how the receiver worked. My friend Sam, N5WU, was kind enough to
> part with his for a week so I could give it a workout. After 4 QSOs (2 on
> 20, 2 on 40), I have my first impressions and a question for other K1
builders.

>

> I've been operating on a 12V gel cell at 12.3 V, and the rig has plenty of
> reserve gain in both the RX and TX chain. And it's rock-stable through an
> hour-long session, even with only a few minutes of warm-up. I've had
> really good reports on tone and keying.

>

> The receiver seems pretty hot - plenty sensitive enough on 40, and not
> quite as sensitive on 20 as my TenTec Scout, but the Scout is
exceptionally

> hot. The filters are just about right for CW. And the ergonomics is
> pretty good, too. I was surprised how smoothly the 10-turn pot tunes.

>

> The S-meter is a little odd (vertical stripes on the frequency display)
and

> the accuracy is totally unknown. But this is small potatoes, and hardly
> worth fretting over.

>

> The RIT is too twitchy for my taste (+/-3 KHz), but the circuit is pretty

> straight-forward, and changing a couple of resistors would take care of
> that problem.
>
> The AGC has good dynamic range, but has a very annoying habit of popping
> LOUDLY on the leading edge of a newly acquired signal or noise crash...
I'm
> going to study on that circuit and see if I can understand why that is
> (hopefully it is fixable), but has anybody had similar problems with the
> AGC? Did you manage to fix it, and if so, how?
>
> All in all, this rig looks like a real winner! Elecraft has done it
again!
> (but you knew that, didn't you?)
>
> 72,
> monty N5FC
>
> Monty Northrup, N5FC
> Austin, Texas
> e-mail: n5fc@io.com
> web page (ham radio): <http://www.io.com/~n5fc>
> web page (home): <http://www.io.com/~maddog>
>

Date: Sun, 04 Feb 2001 23:35:40 -0500
From: Pete Burbank <plburbank@kih.net>
To: n1bq@wulfden.org, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [90637] Re: NVQS Final Tally posted
Message-ID: <5.0.2.1.0.20010204233256.00a5fec0@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:11 PM 2/4/2001 -0500, Brian B. Riley, N1BQ wrote:

>After calling in several archeologists to decipher the parts of the log
>that were written in ancient Sanskrit, we came up with 84 QSOs, 33 SPCs,
>and 6x temp multiplier, 4x field multiplier, and 2x alternative power
>multiplier for a total score of just over 133,000 points ... our logs
>and FYBO pictures are located the website at
><<http://www.wulfden.org/NVQS/>>
>
>72 de brian, n1bq
>
>--
>N1BQ-3 @ 44 31.73N 072 51.55W

snip

Great Website and pictures....tnx QS0. You guys are to be applauded!

73 Pete NV4V

Date: Sun, 04 Feb 2001 22:32:19 -0600
From: Dave Sjolín <sjolin@swbell.net>
To: Qrp-l Reflector <qrp-l@Lehigh.EDU>
Subject: [90638] Monday Nite Fox Cub Announcement: N0IT
Message-ID: <3A7E2CD3.414144E7@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

N0IT will be returning again Monday night for a return engagement as the Cub Fox. As usual, the hunt will begin at 0200Z (8 p.m. Central time) and run two hours.

I will be looking for a frequency around 7143, plus or minus the qrm. When calling, you may call on frequency or up or down about 500 hz. Unless the pileup is very large, its doubtful that I will listen any higher than 500 hz up. Since we will be operating in a narrow range, please send your call once or twice, then listen to hear who I come back to.

The CW speed, as with all Cub Fox hunts, will be about 10 wpm (assuming I can keep it down during all the excitement). I will be sending the call of station I am working, followed by RST, State (MO), Name (Dave) power (5W) and at the end of the transmission, the call Im working once again. Will be looking for similar exchange from those worked. Its very helpful for logging if the info is sent in this order. Thanks.

As I am using a Butternut Vertical for my sole 40 meter antenna, I suggest that those from states close to Missouri may want to be there at the beginning of the hunt as propagation is likely to lengthen as the evening progresses.

Hope the conditions are good. Look forward to working as many of you as I can tomorrow. Lets make it an even fifty.

Thanks again. CUL 72/73 de Dave, N0IT

Date: Sun, 4 Feb 2001 20:39:45 -0800

From: "N7SG K7FD" <cqdx@teleport.com>
To: <n5fc@io.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [90639] Re: K1 Question
Message-ID: <009601c08f2d\$ab0c8a80\$41231ad8@N7SG>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

On the strong sigs there is a split second before the AGC kicks in on mine too. Reminds me of when TV ads come blaring on...and I find myself reaching for remote/volume control!

I'm interested in a cure also...

John K7FD

> The AGC has good dynamic range, but has a very annoying habit of popping
> LOUDLY on the leading edge of a newly acquired signal or noise crash...
I'm
> going to study on that circuit and see if I can understand why that is
> (hopefully it is fixable), but has anybody had similar problems with the
> AGC? Did you manage to fix it, and if so, how?
>
> All in all, this rig looks like a real winner! Elecraft has done it
again!
> (but you knew that, didn't you?)
>
> 72,
> monty N5FC

Date: Sun, 4 Feb 2001 23:49:10 -0500
From: "ZOOM" <kandrparker@sympatico.ca>
To: <cqdx@teleport.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [90640] Re: K1 Question
Message-ID: <006c01c08f2e\$fb65e340\$39cdfea9@einstein>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Change the capacitor involved in the AGC circuit with a larger one preferable tantulum. This will increase the time constant and smooth out

the AGC. You will however have to experiment with different values but should solve the problem.

Cheers,
Robert
VE3RPF

----- Original Message -----

From: N7SG K7FD <cqdx@teleport.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Sunday, February 04, 2001 11:39 PM
Subject: Re: K1 Question

> On the strong sigs there is a split second before the AGC kicks in on mine
> too. Reminds me of when TV ads come blaring on...and I find myself
reaching
> for remote/volume control!
>
> I'm interested in a cure also...
>
> John K7FD
>
>
> > The AGC has good dynamic range, but has a very annoying habit of popping
> > LOUDLY on the leading edge of a newly acquired signal or noise crash...
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> > going to study on that circuit and see if I can understand why that is
> > (hopefully it is fixable), but has anybody had similar problems with the
> > AGC? Did you manage to fix it, and if so, how?
> >
> > All in all, this rig looks like a real winner! Elecraft has done it
> again!
> > (but you knew that, didn't you?)
> >
> > 72,
> > monty N5FC
>
>

Date: Mon, 05 Feb 2001 04:55:25 +0000
From: "Rich Dailey, KA8OKH" <okh.npi@gte.net>
To: qrp-l@lehigh.edu
Subject: [90641] [TMPS] 2w, auto tuners and QRPP
Message-ID: <3.0.32.20010205045440.006b5f28@mail.gte.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I made a few contacts on 30m using 2 watts or thereabouts (I say "thereabouts" because my wm-1 wattmeter was not connected-where's that coax jumper?). A station in SD answered my cq, but we lost each other in qsb around 0314 utc. Then paydirt (for me) - RV6HA at 0330 on 10.115. I answered his cq. Russia seems to be very strong around this time of the evening. He was 579, I was 539... very respectable for 2w (thereabouts).

I decide to experiment with QRPp, and bring the battery powered ALC supply to my ic-765 down to less than a watt (got to get the wm-1 back in line).

Well, I'm using the automatic tuner in the rig because I'm too lazy to go out and retract the 40m vert to 23 ft, and at about the 1 watt level, the tuner starts seeking wildly, throwing the rig>feedline match all out of wack. So no QRPp on 30m until I go out and tune the vertical.

Also hearing signals from all over the states around the same time as the Russian openings. Still trying to get the feel of propagation on this freaky band. My main operating time is 0200-0500utc, so not getting the picture of how things act during daylight hours. But I've probably worked more Russians on this band than any other. Maybe I should brush up on my chess openings.

10 and 15m were about dead for me today. 20m was it's usual self - could hear 3y0c at 2230. But 30m is hands-down my band for late night excitement. Not (yet) being familiar with the propagation, each qso feels like a little xmas present, a little victory. By all means give 30m a try.

Rich

Rich Dailey, KA8OKH - Phyllis Dailey, KB4NPI
mailto:okh.npi@gte.net
<http://home1.gte.net/web22jfw/>

Date: Mon, 5 Feb 2001 00:20:33 -0500 (EST)
From: <igeq100@iupui.edu>
To: n2go@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [90642] Re: pem nut source?
Message-ID: <Pine.GS0.3.96.1010205001843.21586A-1000000@jade.iupui.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi, Jim -

You can get them at Small Parts, Inc. The URL is
<http://www.smallparts.com> They are very prompt in filling orders.
Usual disclaimers apply.

72/73,
Rich, WB9LPU

On Sun, 4 Feb 2001 n2go@arrl.net wrote:

> Does anyone know of a source for these guys?
> I am looking for the self clinching type nuts that could be pressed into
> aluminum. I need a small quantity but would spring for a couple hundred.
> 73,
>
> Jim n2go
>
>

Date: Sun, 04 Feb 2001 23:23:30 -0600
From: david gauding <david.gauding@bbs.galilei.com>
To: qrp-L@lehigh.edu
Subject: [90643] IT9PK0 on 7.016 @ 0520Z
Message-ID: <5.0.2.1.0.20010204231745.00a70c00@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

IT9PK0 (Sicily) on 7.016.5 @ 0520Z.

Missed OM John last night with 4W and Argo 515.

Tonight used K2 (borrowed from N0MII) and 5W to SLX vertical. (TNX Jeff)

Good luck.

de Dave, NF0R nf0r@slacc.com

Date: Mon, 5 Feb 2001 06:55:58 -0000
From: "Jerry Scherkenbach" <jerrys@execpc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: "WA9TZE, Jim Akre" <jsakre@execpc.com>, "W9XU, Lon"
<Lon.Richoz@amermsx.med.ge.com>, "AE9K, Brian" <ae9k@yahoo.com>, "NK9G, Rick"
<rmcgaver@wi.rr.com>
Subject: [90644] FYBO - Summary for N9AW from Plymouth, WI
Message-ID: <006901c08f40\$b24c5600\$2386cfa9@Pjerrys>

FYBO sure was fun again this year. Thanks a bunch to the AZ ScQRPions for hosting the contest.

It was, again, fairly cold on Saturday morning. Just 14 degrees at the start. It warmed to about 23 degrees and stayed there most of the day. NK9G and I worked the contest from a campground in Plymouth, WI. about 60 miles north of Milwaukee. We put up 3 antennas.....a G5RV in inverted vee fashion about 40-50 ft., an 80-10 trapped dipole at about 40 feet and a DK9SQ 40-10 loop on a DK9SQ mast. Without question, the trapped dipole was best, closely followed by the G5RV. The DK9SQ loop was OK but showed a 3 S unit decrease in most signals on 15 and 20 mtrs. This was the first time I used the loop and I was disappointed. I think it probably has a lot to do with the fact that it is a compromise antenna for multiple bands with a feedpoint that is only up about 15 feet off the ground. When compared to the height of the other antennas the loop just couldn't cut it. The mast did its job very well.

Thanks to all of you that I worked. There were many many great qrp signals out there. 80mtrs was particularly strong early in the evening but not much activity. 20 mtrs was in great shape. 15 and 10 mtrs, good signals just not enough of them. 40 mtrs was OK, nothing great this time.

Rigs: FT900 and a K1, 5 watts
Battery power: Car battery and a lawn tractor battery

N9AW Scoring summary:

QSOs 153

Multipliers:

SPCs 45

Field Location x4

Alternative Power x2

Temp x6

Scoring = 153 x 45 x 4 x 2 x 6 = 330,480 points

72 All
Jerry N9AW

Date: Mon, 05 Feb 2001 06:38:21 -0600
From: "Chuck Carpenter" <w5usj@globeco.net>
To: qrp-1@Lehigh.EDU
Subject: [90645] [TMPS] de W5USJ
Message-ID: <3.0.2.32.20010205063821.00984700@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Status so far:

[TMPS] Qs - 15 States - 9 DXCC - 5 @ 3W Butternut HF9V

Best time for me is in the a.m. around grayline time and into early morning. Some good results around 00:00 + UTC evenings too.

Jim, really neat stuff on your website. And, that's a great looking J-38.

Chuck Carpenter, Point, Rains Co., TX - EM22cv, RARA #3, NETXQRP #1
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275
NETXQRP =96 <http://www.angelfire.com/tx4/netxqrpclub/>
[TMPS] Qs - 15 States - 9 DXCC - 5 @ 3W Butternut HF9V

Date: Mon, 5 Feb 2001 06:05:29 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-1@lehigh.edu>
Subject: [90646] SMK-1 building
Message-ID: <Pine.LNX.4.31.0102050544160.784-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have the SMK-1 kit and enclosure kit and have decided it's time to attempt construction. The first jump was where the author said use a 700f degree iron. I have the Soloman solder station and it's marked in degrees C. Got out a book and find $F = 9/5(C) + 32$ and that 700f = 371c which my solder station can reach. I normally use 275c so this is HOT.

I haven't opened any bags yet. I think I need a large area clear so that I can find things and something to hold the board. I think I have that in a plastic vise from RS.

Soldering seems simple. But maybe I don't understand. You put a small amount of solder on the board on the pads your going to solder the component to. Then hold the part straight in place and heat the pad until that side is soldered in. Then heat the pad on the other terminals.

Bet it's easier said than done. I'm 6'4" 250 pounds with large football hands. They are sure small!

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Mon, 5 Feb 2001 08:11:09 -0500
From: "Lau, Zack, W1VT" <zlau@arrl.org>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [90647] Re: K1 Question
Message-ID: <125490A005E3D3118C9C00805FC743CC016B9CAA@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

AGC popping is an unwanted characteristic of audio AGC.

Theoretically, you should be able make a better AGC circuit adding an MC1350 IF amp. Wes, W7ZOI has an excellent circuit in the Sept 1990 QST p.36. However, you have to watch for stray signals--an unwanted BFO, VFO, or LO signal can easily bias your AGC circuit. It is much easier if the receiver has a lot of shielding between circuits.

73--Zack W1VT

Date: Mon, 5 Feb 2001 09:08:09 -0500

From: Rick Robinson <rerobins@email.uncc.edu>
To: K4IA@aol.com
Cc: qrp-1@lehigh.edu
Subject: [90648] Re: Pocket Power on sale at RS - \$19.99
Message-ID: <v03102804b6a4638da407@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>You're right. The manual says 5 AH and the battery inside says 4.5 AH. I
>wonder if that is why the Shack is selling them at a big discount and only
>claiming 3.5?

I bought one of these same type units with another brand name on it. It
was advertised as 5Ah but the battery is only a 2.5Ah unit which I didn't
discover until it was too late. This was a "hamfest special" from a dealer
I will no longer do business with.

It looks like RS realizes the problem and is dumping them at a reasonable
price.

72,

Rick kf4ar

Date: Mon, 5 Feb 2001 06:34:47 -0800 (PST)
From: John Birkett <jbirk44@yahoo.com>
To: jaevans@codenet.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [90649] Re: newbie question - IB0??
Message-ID: <20010205143447.29015.qmail@web10011.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

John,

Sure it wasn't IBM? (IBM qso party)

<http://www.barryfr.supanet.com/qso2001.html>

John Birkett

--- "John A. Evans - N0HJ" <jaevans@codenet.net>
wrote:

> Even us old guys can have newbie questions.

>

> Anyway, I hear the VT,DE,NH QSO party CQs and the
> FOC CQs, but what is IB0??
>
> tn timer 72 - john - n0hj
>

Get personalized email addresses from Yahoo! Mail - only \$35
a year! <http://personal.mail.yahoo.com/>

Date: Mon, 05 Feb 2001 09:36:32 -0500
From: John Wagner <john@neknetwork.com>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [90650] Re: SMK-1 building
Message-ID: <3A7EBA70.2E149C3D@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Karl,

Step one; only open one sub-baggie at a time. ;)

The way I soldered was like this;

Breath in.

Heat one pad and apply a little puddle of solder. Place the part (this is the hard part, don't exhale, don't inhale) in front of the solidified puddle, sort on on the edge of it. Get the iron near the puddle and melt it, as this happens the flea sized part should slide into the puddle. You might need a small bamboo poker to align the part as it slides into position.

Exhale, resume breathing normally.

After the one side is soldered, heat the other side and apply solder.

My first part took about 10 minutes to solder. Things picked up after that.

Good luck. 73,

John, KB1ENS

"Karl F. Larsen" wrote:

>

> I have the SMK-1 kit and enclosure kit and have decided it's time
> to attempt construction. The first jump was where the author said use a
> 700f degree iron. I have the Soloman solder station and it's marked in
> degrees C. Got out a book and find $F = 9/5(C) + 32$ and that 700f = 371c
> which my solder station can reach. I normally use 275c so this is HOT.

>

> I haven't opened any bags yet. I think I need a large area clear
> so that I can find things and something to hold the board. I think I have
> that in a plastic vise from RS.

>

> Soldering seems simple. But maybe I don't understand. You put a
> small amount of solder on the board on the pads your going to solder the
> component to. Then hold the part straight in place and heat the pad until
> that side is soldered in. Then heat the pad on the other terminals.

>

> Bet it's easier said than done. I'm 6'4" 250 pounds with large
> football hands. They are sure small!

>

> Yours Truly,

>

> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

--

John Wagner - john@neknetwork.com

Web page: <http://www.neknetwork.com>

Date: Mon, 5 Feb 2001 08:02:27 -0700

From: "Steve/n0tu" <n0tu@webaccess.net>

To: "QRP-L" <QRP-L@lehigh.edu>

Subject: [90651] More FYBO

Message-ID: <002501c08f84\$a81cf920\$6a211d82@sg2939h.col.hp.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Forgot to mention:

My two MOST favorite FYBO QSOs were AL7FS - Jim who was like a beacon on 15m. Nice sig Jim! and the least signal award goes to KF0N - Larry with his 5mW from IA. Took a few repeats but we got him @ 5mW (real MANly QRP!). Whew, his sig at times was ESP but it was real!

Also, got tired of wide freq response of the K2 inboard speaker! Dr Tuned Speaker-Loranger would shudder to think, but I fashioned a resonator out of my cup-o-soup and some ducktaped to the top of the K2. Looked kinda ugly sitting on top but made those cw notes a little more musical to my ears!

Thanks agn to ALL you FYB0ers this is a great winter 'test adventure! (in or out)

~ Steve/n0tu

Date: Mon, 5 Feb 2001 09:24:16 -0600
From: "James Parsons" <res075cz@gte.net>
To: <qrp-1@lehigh.edu>
Subject: [90652] FS: Vibroplex Vibrokeyer
Message-ID: <005701c08f87\$b3c28300\$7c640304@vz.dsl.genuity.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey QRPers...

I have a Vibrokeyer for sale. This paddle has a beige base, red paddles and a red button on top. It is serial number 231656. The base shows some signs of wear but it operates well. Price is 50 dollars plus shipping and insurance. I prefer to send it Priority mail. 73...

Jim, K5ROV

James (Jim) Parsons, K5ROV, CMSgt, USAF, Ret., Ham for 60 yrs.
k5rov@arrl.net, QCWA, ARCI, Fists, ARRL, ARMS.
EX: W1RLA, K5FBB, K4FEO, SV0WN (CRETE), SV0WN (RHODES),
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

Date: Mon, 5 Feb 2001 15:24:19 -0000
From: "Kenneth Evans" <w4du@mediaone.net>
To: "NOGA" <nogaqrp@qth.net>, "QRP" <qrp@yahooogroups.com>, "QRPFORUM" <qrp@parci@qth.net>, "QRP-1 Discussion" <qrp-1@Lehigh.EDU>
Subject: [90653] FDIS 2001 - Contest
Message-ID: <003b01c08f87\$b67a5000\$6501a8c0@atl.mediaone.net>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FDIM 2001-QRPyouth
(QRPy)

FDIM 2001 will have its traditional contest for homebrew and kits. In addition, we offer the following challenge in an attempt to generate interest in radio/physics by our youth.

In recent years many of us have lamented the lack of "youth" in our hobby. With the ARRL announcing the "Big Project," QRP ARCI decided to join this effort and tap some of the most creative minds in amateur radio (QRPers). Let's think outside the box and design some projects with kids in mind.

A brainstorming effort by Wayne Burdick, N6KR and Jim Stafford, W4QO (recent Herb S. Brier Instructor of the Year) offer the following ideas to get you started. One rule is the "ten-year-old test." In other words, try to create something that someone ten years of age (or older) living in the year 2001 may find fun.

Some ideas:

- Kids love to talk with each other via "secret" means; you've seen them in the malls using pagers and "secret codes." Perhaps we could give them something more personal (and more educational) through the use of an analog, low-power wireless link, one that works across a room or gymnasium. Voice, CW, chord keyboard; RF, infrared, ultrasonic; you name it--if it gets the message across and is easy to build, they just might try it. But the form-factor has to be something other than a walkie-talkie.

- Kids do love to learn, and they are at times required to construct science fair projects. How can we tie radio in with their study of science, math, etc.? How about a small, well-designed kit that makes visible certain principles of physics, and does something cool at the same time? Please, not just another laser pointer!

- Along the educational line, don't forget geography and social studies. Imagine a nicely-packaged, easy-to-understand short-wave broadcast radio kit, accompanied by a very relevant pocket guide to the stations they're likely to pick up--one that answers where, who, what, and why--not just what the station's lat/lon might be.

- Internet Radio may someday replace analog radio for entertainment purposes, and is even finding application in ham radio, in the form of various forms of chat. In this context, what does "QRP" mean? Does it mean building a

miniature, portable Internet Radio appliance? Or does it mean voluntary adoption of "low-power," i.e. fewer bits, slower bit rate, or the like, to make it more challenging? In this case, one could imagine a QRPy design entry that involves only software.

- In Star Trek, The Next Generation, "Jordy" has super-vision that (Jordy sees entire spectrum) covers a broad spectrum. Can we build a simple device that captures "invisible" signals from ultrasonic through microwave, then re-packages them as human-scale audio or a simple visual display? Its antenna could exploit acoustics, magnetics, and optics all at the same time. It would provide a new way of understanding and thinking about the world.

As you can see, we have left this category wide open. It does not have to be a "ham radio" project (but it can). We want to assist kids to find the fun in learning and building. So bring the projects to FDIW 2001. Let's see if we can generate some excitement!

72/3 and QRPy,
Ken
W4DU
Chairman: FDIW 2001

Date: Mon, 5 Feb 2001 10:43:44 -0500
From: "AI2Q Alex" <ai2q@adelphia.net>
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [90654] Battery source
Message-ID: <002a01c08f8a\$6c7c05e0\$7e0af618@knbunk.adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

You may want to peruse this company's site at
<http://www.sciplus.com/category.cfm?section=5> for some battery products I
thought might be of interest to QRPers.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

Date: Mon, 5 Feb 2001 08:20:09 -0800 (PST)
From: agtaylor@llnl.gov
To: qrp-l@lehigh.edu

Subject: [90655] QRPTTF date??
Message-ID: <200102051620.IAA24719@poptop.llnl.gov>
MIME-Version: 1.0
Content-Type: TEXT/plain; CHARSET=US-ASCII

I am making plans now for QRPTTF and would really like to know the official date. Is it April 21 or 28?? The SM3CER contest web page guesses it to be the 28th. Also, what are the hours of the contest. Last year's was 1500 - 2400Z, work any 6 hours. Is that the same?

The site for our adventure is now apparently set: Rose Peak, elev 3817 just south of Livermore CA. Nearest water is a horse trough about 400 ft down from the peak, so a water theme misses the mark for us. But then we are doing our own thing anyway.

73 all K7GT / AE6TT

--

Allan G Taylor

agtaylor@llnl.gov

Date: Mon, 05 Feb 2001 11:33:13 -0500
From: Pete Burbank <plburbank@kih.net>
To: n5ib@juno.com, "Low Power Amateur Radio Discussion" <grp-l@Lehigh.EDU>
Subject: [90656] Re: TMPS - de N5IB
Message-ID: <5.0.2.1.0.20010205112300.00a67da0@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:44 PM 2/4/2001 -0500, n5ib@juno.com wrote:

>The latest 30 meter scoop from Cajunland.....

>

>Nice contact with AA9AA in WI who was using a 38 Special. Tried for
>AA5JH, Tom, in OK and had a "sorta" QSO. We couldn't hear each other at
>all, but W4YIH in Miami relayed for us - that was kinda fun...

>

>72

>Jim N5IB

>snip

Jim and Gang,

I've always been curious about the relay protocol and etiquette .You hear 2

stations

just fine but they are having trouble with skip etc and you want to help out.

What is the best way?

Pete NV4V

Date: Mon, 05 Feb 2001 10:32:27 -0600
From: "George, W5YR" <w5yr@att.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [90657] Re: Pocket Power on sale at RS - \$19.99
Message-ID: <3A7ED59B.CF151DEF@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

In a recent email, I reported that my charger wall-wart would only put out 12.5 volts. I later found that I had made that measurement with the unit de-energized, so what I was measuring was the residual voltage on the output filter cap. With the charger working properly, the unloaded output voltage was in the 18-20 volt range.

The curious thing about this little charger is that I started making measurements with a DMM every few hours to see how long it took the filter cap to discharge. Evidently, the cap is quite large and does not have a bleeder resistor across it.

As much as 36 hours later I was still measuring 7 volts across the open-circuited output connector!

So, if you are using one of these chargers, you need to be very careful about what it is connected to, even when it is not powered up. There is the possibility for circuit damage under the right (wrong?) circumstances. The unloaded output voltage is NOT ZERO for many hours, even though the unit is not plugged in!

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP
6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Date: Mon, 5 Feb 2001 10:52:45 -0600
From: "James Parsons" <res075cz@gte.net>
To: <qrp-l@lehigh.edu>, <cw@qth.net>

Subject: [90658] Vibrokeyer SOLD
Message-ID: <00c701c08f94\$11cdb6c0\$7c640304@vz.dsl.genuity.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The Vibrokeyer has been sold. Sorry for all those who wanted it..

Jim, K5ROV

James (Jim) Parsons, K5ROV, CMSgt, USAF, Ret., Ham for 60 yrs.
k5rov@arrl.net, QCWA, ARCI, Fists, ARRL, ARMS.
EX: W1RLA, K5FBB, K4FEO, SV0WN (CRETE), SV0WN (RHODES),
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

Date: Mon, 5 Feb 2001 11:54:10 -0500
From: "Mike Branca" <w3irz@att.net>
To: <qrp-l@Lehigh.EDU>
Subject: [90659] Re: SMK-1 building
Message-ID: <04c501c08f94\$435bdf00\$a3384d0c@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Karl, I am quite a brute too and altho I won't attempt to repair watches and jewelry I found that the SMK-1 went together well. I used an old Ungar iron with a tip filed down to be the width of the smt connections. As for the temperature I fed the iron thru a light dimmer and adjusted it for the right feel in soldering. I would suggest that you vacuum the house before starting so that if you drop a part it will be easier to find. Opening the parts bags over an Xerox box lid helps too. Don't forget the magnifying glass.

Mike Branca W3irz in Conyers Georgia

Date: Mon, 5 Feb 2001 10:01:43 -0700
From: "Bob Hightower" <nk7m@extremezone.com>
To: "qrp list" <qrp-l@lehigh.edu>

Subject: [90660] FYBO Logs
Message-ID: <001b01c08f95\$520f3000\$6f1df5cc@de11>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, from the mail it looks like all had a good time in FYBO. Now comes the work :^)

You can either email your logs to me at nk7m@extremezone.com, or snail mail them to me at 1905 N. Pennington Dr., Chandler, AZ 85224.

Be sure to mark your envelope "FYBO Log", and have them in by March 4, 2001.

72/73,
Bob Hightower NK7M

Date: Mon, 5 Feb 2001 12:14:52 -0500
From: "Adams, Mark" <madams@facilities.buffalo.edu>
To: qrp-l@lehigh.edu
Subject: [90661] Sierra Review-June 96 QST?
Message-ID: <D2337327FF8AD311939600A0C9B4175E9463C6@facilities.buffalo.edu>

Hi Gang,

Does anyone have a copy of this article? I cannot find mine. I could take a fax, .pdf, paper copy via snail mail, etc.....

Thanks.

Mark S. Adams, PE
Facilities/Construction Safety Manager
University at Buffalo
Occupational and Environmental Safety
220 Winspear Avenue
Buffalo, NY 14215-1034
Ph: 716-829-3301 Fax: 716-829-2704
Pager: 716-774-2260

begin 600 Adams, Mark.vcf
M0D5'24XZ5D-!4D0-"E9%4E-)3TXZ,BXQ#0I..D%D86US.TUA<FL-"D9..D%D

M86US+"!-87)K#0I%34%)3#M04D5&.TE.5\$523D54.FUA9&%M<T!F86-I;&ET
M:65S+F)U9F9A;&\N961U#0I2158Z,C`P,#\$P,394,3@Q.#,X6@T*14Y\$.E9#
%05)\$#0H=
,

end

Date: Mon, 5 Feb 2001 09:31:44 -0800
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-1@lehigh.edu>
Subject: [90662] KI6DS FYBO Report
Message-ID: <01c08f99\$82680fc0\$330b0d0a@dhendricks>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ahhh, a qrp contest Saturday. Xyl is out of town. I was supposed to go to the bay area and operate with Paul Maciel, Mike Gipe and Dave Fifield of the infamous NorCal QRP Social and Contest Club, which is far more into social than contest. (Note that Mike Gipe won the Zombie Shuffle operating without us!) But I had a small problem. The day was also the first day of the youth basketball program here in Dos Palos. It is run by the rec commission and I am the liason guy between the high school and the city rec department (means I schedule the event, make sure the guy has a key, and the scoreclock controls are left out, etc.).

I sit down at 11:00 AM at the home station. None of that multiplier stuff for me, grin. Check the temp. 72 degrees, right where it should be. Ok, let's call CQ, plug in my Long Island Mercury to the rig. Whoops, paddles are reversed. Dang, where is that manual. Oh, I remember, still at school where I built the rig. Try to figure out how to switch the paddles from the menu. Can't figure it out. Hmmn, I'll use the old Dave (Mr. Viagra) Gauding trick, turn the paddles upside down, which effectively switches them. You ever turn a Mercury upside down??? It is not stable. But it works if I use one hand to stabilize it. I'll make a qso, then go to the school to get the manual.

I call CQ, and VA6RF, Earl in Alberta answers!! Nice signal and nice fist. I work him, and here comes W7AQK calling. Dave Yarnes is a good friend but we had never worked each other on the air. He was weak, but I stayed with it, and he came up. Boy that NorCal Doublet sure digs them out for me. Had a nice qso, even if Dave did call me a wuss and a pansy when I gave him my temp. Geeze Dave, just because Carol made you go out on the patio doesn't mean we all have to.

Then the phone rang. Uh ohh. I don't like the sound of this. Answered.

There were about 150 10 - 12 year olds, parents, grandparents, coaches, etc. waiting for someone to open the Gym. Hmn, wonder what happened to Duane. I go down, open the gym and have to supervise as there is no one there to do it. I'm there for 5 hours, but it was fun, watching the future basketball players of Dos Palos play. Got home, looked at the radio, was too tired to operate, so sat down and took a nap.

So, I worked 2 contacts in the contest. Great job Earl and Dave for picking me out. Thanks to the ScQRPions for doing this contest. It is a great one and very original for multipliers. I enjoyed reading all of the reports, especially Nick Kennedy. He kind of reminds me of that guy in Little Abner that walked around with a black cloud over his head. Nick, if you didn't have bad luck, you wouldn't have any at all.

Next contest is the QRP to the Field I believe. The last weekend of April, and NorCal contest manager Jan, N0QT has a "natural" for the theme for this year!! See you on the air. 72, Doug

Date: Mon, 05 Feb 2001 11:34:15 -0600
From: <mjfitz@uswest.net>
To: qrp-l@Lehigh.EDU
Subject: [90663] Re: Pocket Power on sale at RS - \$19.99
Message-ID: <3A7EE417.2A46389D@uswest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Here's my take on the RS battery packs... RS or RS's supplier has had them "for a while" and now they need to get rid of them while the batteries can still hold a charge. I'd put money on that...

Mike NOMF

Date: Mon, 5 Feb 2001 14:06:50 -0500 (EST)
From: <baltimoremd@baltimoremd.com>
To: "qrp-L@Lehigh.EDU" <qrp-L@Lehigh.EDU>
Subject: [90664] OT - Juno Warning
Message-ID: <Pine.BSI.4.05L.10102051406250.16133-100000@vh1.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

You're in for an unpleasant surprize.

73
thom

http://www.baltimoremd.com/	Baltimore's Home Page
http://www.baltimorehon.com/	Home of the Baltimore Lexicon
http://www.zerobeat.net	Home of The QRP Web Ring and Drake Mail List Pages

Just picked up a used Autek WM-1 pwr/swr meter.

Thanks!

- Tom Scott, eEngineering
//_/_/_/_/_/_/_/_/_/_/_/_/_/
Arrow Electronics
9500 SW Nimbus #E
Beaverton, OR 97008
503-524-1045 - Office
503-629-8090 - Branch
503-645-0611 - Fax
503-703-2032 - Cell
KD7DMH
//_/_/_/_/_/_/_/_/_/_/_/_/_/

Date: Mon, 5 Feb 2001 14:16:43 -0500 (GMT+5)
From: <wd9eyb@butler.qrp.com>
To: qrp-1@lehigh.edu
Cc: wvara@butler.qrp.com
Subject: [90666] KPCB
Message-ID: <Pine.LNX.3.95.1010205141246.32561A-100000@butler.qrp.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have added zoom and scaling to the KPCB layout page.
<http://butler.qrp.com/~wd9eyb/kpcb/>

You can zoom in 1 tic or out 1 tic.

The scaling is done on the display page.
Trouble with scaling in the browser is you can never get it close enough to right. I've had my best luck with scaling in Word.

I've also added a sample layout of a digital crystal oscillator.
<http://butler.qrp.com/~wd9eyb/kpcb/xtalosc.html>

Jim, WD9EYB
wd9eyb@arrl.net

Date: Mon, 5 Feb 2001 14:31:27 -0500
From: "Mitchell, Jon" <jon.mitchell@commerceone.com>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>

Subject: [90667] FYB0 2001
Message-ID: <A21194443A45D411BB7E00D0B76DF1EB2B885D@CEN3>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Ken, N3FZX, and I had a relaxed FYB0 this year. We operated outside Ken's QTH and got plenty chilled but we were able to run inside for warmth and bio breaks. The temp was in the 30s during the day but only got down to 25f by 9pm local time. It was still plenty chilly! :-)

If you think you contacted N3FZX during the contest, please check out the log on my site (address below). I only have the log on the site; check back later for pictures of shivering QRPers!

I'm already looking forward to the QRP to the Field event!

72,
-- Jon

Jon Mitchell, KD3FG
<http://www.qsl.net/kd3fg>

Date: Mon, 5 Feb 2001 10:40:08 -0800
From: "Tom Scott" <tomrscott@sterlink.net>
To: "'qrp-l Reflector'" <qrp-l@Lehigh.EDU>
Subject: [90668] RE: Autek WM-1 for QRP
Message-ID: <003001c08fa3\$10ed4400\$01010a0a@mh1t70164>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Can't believe I said QRO in the body of that message.... Oh well, read the title and ignore the reference to QRO in the body You know what I mean.

- Tom Scott, eEngineering
//_/_/_/_/_/_/_/_/_/_/_/_/
Arrow Electronics
9500 SW Nimbus #E
Beaverton, OR 97008
503-524-1045 - Office

503-629-8090 - Branch
503-645-0611 - Fax
503-703-2032 - Cell
KD7DMH
//_/_/_/_/_/_/_/_/_/_/_/_/_/_

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Tom Scott
Sent: Monday, February 05, 2001 9:57 AM
To: Low Power Amateur Radio Discussion
Subject: Autek WM-1 for QRP

Just picked up a used Autek WM-1 pwr/swr meter.

Has anyone ever tried to modify the Autek WM-1 for QRO by changing the resistors from 20 - 200 - 2000 to values that would read full scale at 2.0 -20.0 - 200.0? I suppose the SWR circuits might not be designed to work well with very low power levels.

Also can anyone tell me what voltage the power connector is designed for? It didn't come with the power supply.

Also does anyone have documentation (to get the schematic?) for one of these that they could make a copy of for me?

Thanks!

- Tom Scott, eEngineering
//_/_/_/_/_/_/_/_/_/_/_/_/_/_/
Arrow Electronics
9500 SW Nimbus #E
Beaverton, OR 97008
503-524-1045 - Office
503-629-8090 - Branch
503-645-0611 - Fax
503-703-2032 - Cell
KD7DMH
//_/_/_/_/_/_/_/_/_/_/_/_/_/_/

Date: Mon, 05 Feb 2001 13:08:03 -0700

From: Pat Byers <pbyers@rttinc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [90669] Help - SRF1733
Message-ID: <5.0.2.1.2.20010205130348.00a5a0b0@pop3.norton.antivirus>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi all,

I'm looking for specifications on an SRF1733 rf power transistor manufactured by Motorola used in aircraft VHF transceivers. Yes, I've searched with Google and, yes, I've checked the Motorola Web site. I don't know why I can't find info on this part. I guess it isn't obvious enough. <hi>

73,

Pat Byers VE6AAN
Ponoka, AB

Date: Mon, 5 Feb 2001 19:56:53 +0100
From: "Nico Vertriest - Uunet" <nvcw@village.uunet.be>
To: "qrp-1" <qrp-1@LeHigh.edu>
Subject: [90670] Wire yagi
Message-ID: <000501c08fb2\$b40d6020\$8603bed4@immvu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello all,

I would like to put a 2 element wire yagi in my loft for 15m. I have to reduce its size, I only have a bit less than 6m available for each element. What would be the best solution for reducing the size of each element : linear loading, or loading each element with air coils?

73

Nico
on4civ

Date: Mon, 05 Feb 2001 14:35:25 -0600
From: Michael Melland <badger@vbe.com>
To: tomrscott@sterlink.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [90671] RE: Autek WM-1 for QRP
Message-ID: <NEBBLKAGEKBNGELOFFCACEJDCDAA.badger@vbe.com>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

> Has anyone ever tried to modify the Autek WM-1 for QRO by changing the
> resistors from 20 - 200 - 2000 to values that would read full scale at
> 2.0 -20.0 - 200.0? I suppose the SWR circuits might not be
> designed to work
> well with very low power levels.

Nice meter as meters go.... I have one as well. It reads swr accurately but like many swr meters it reads less accurately as frequency goes up. Not enough to really matter.... on mine at 28.410 it reads an swr of 1.4 into a known flat to 500 MHz Bird RF load while the same measurement done into the load at 7.235 is flat at 1 where it should be. Also.... the power applied does cause fluctuation in the readings, mine reads swr of 1 at qrp but generally reads 1.2 or so when power is increased to qro. Really splitting hairs here but their literature "used" to claim that the swr wouldn't vary with applied power. They still imply that this meter isn't affected by frequency of the rf signal but it is.... just not very much. The wall wart I have with mine is a 9 volt one.... just watch the center polarity. Any supply between 8 and 16 v or so will work fine. Their web site states between 8 and 18 but they added lights to the meters in 1999 and I think the max voltage is a bit higher now.... you can even hook it up to a 9v transistor battery for field work and this works slick. Autek has never released a schematic for the meter 'cause (I'm told by them) it's supposedly a "secret" or patented proprietary circuit. If you want I'll mail you the instruction sheet. It does have the simple calibration procedures for power and swr in it.....

Regards,

Mike, W9WIS.

Date: Mon, 5 Feb 2001 13:54:07 -0700
From: "Bob Hightower" <nk7m@extremezone.com>

To: <grudin@vdbb.com>
Cc: "qrp list" <qrp-l@lehigh.edu>
Subject: [90672] Re: FYBO Logs
Message-ID: <001401c08fb5\$c963fe40\$221df5cc@de11>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yes, you can send them in Excel. Or as a delimited dBase file, or just plain text. I'll sort it out when I get it.

I would prefer electronic submissions, but if you send in a paper log, that's OK too.

Bob Hightower
NK7M

----- Original Message -----
From: "Jeff Grudin" <grudin@vdbb.com>
To: <nk7m@extremezone.com>
Sent: Monday, February 05, 2001 12:14 PM
Subject: Re: FYBO Logs

>
>
> Bob,
>
> Had a great FYBO, thanks for your efforts to keep it going.
>
> You might want to add a comment about what form you want the emailed
> logs to be in. eg. Can I send them in Excel?
> --
>
> 73 de AC6KW <mailto:grudin@vdbb.com>
> Jeff Grudin, DVM Web Add: <http://www.vdbb.com/~grudin>
> Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California
> Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131
>

Date: Mon, 05 Feb 2001 16:22:51 -0800
From: "Craig A. Ferris" <cferris@aeronix.com>
To: qrp-l@Lehigh.EDU
Subject: [90673] Re: Help - SRF1733

Message-ID: <3A7F43DB.A6C676EC@aeronix.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Pat,

I think you are out of luck. SRF prefixes are custom parts, and Motorola won't give out the data.. I tried to get the specs for the dual fet PA in an FT-100 that is also an SRF prefix...no luck. By the way, that FET is over \$200 from Yaesu.

72,
Craig NR4E

Date: Mon, 5 Feb 2001 16:23:27 EST
From: K2UD@aol.com
To: qrp-1@lehigh.edu
Subject: [90674] Got a Greenlee punch?
Message-ID: <7f.fcbad88.27b073cf@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

The latest project on the bench here requires me to punch (2) 1-5/32" holes in a piece of .060" aluminum (aluminium for the G-types!). I'm really reaching on this one.

Does anyone have a Greenlee 730 type 1-5/32" chassis punch (not conduit punch) that I could use to ventilate my chassis with

or

Could I send the flat piece of aluminum (6-3/4" x 6") to you in bubble pack and provide you with a few minutes of exercise punching those same holes?

I have a 1-3/16" punch, but the constraints on the sockets I'm mounting are such that they will move around in a hole that size.

BTW, the project is a Solid State 5-watter for the QRP Man by Doug DeMaw, W1CER (at the time of the article) from a 1969 QST. The holes are for old-fashioned vertical plug-in coil forms for band changing.

Thank you all for any help on this classic xmtr.

72

Howard Kraus, K2UD

Date: Mon, 5 Feb 2001 16:32:56 -0500
From: Rick Robinson <rerobins@email.uncc.edu>
To: qrp-1@lehigh.edu
Subject: [90675] Ten Tec 315 receiver
Message-ID: <v03102812b6a4cb5909a3@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'm looking for information regarding the Ten Tec 315 receiver. I remember it from the early 70s but can't locate any information regarding cost, years and number made, rarity if any etc. It is looks like an Argonaut 505, but is a receiver only. Evidently, it was made with a matching transmitter in mind but I've never seen a matching transmitter and this is the first 315 I've ever seen. Anyone know if the transmitter was ever made?

I did get the original manual with it and it's complete with all original knobs and the optional CW filter. It's undergoing a good cleaning and alignment.

No, it's not for sale. :^)

72,

Rick kf4ar

Date: Mon, 5 Feb 2001 16:49:19 EST
From: K2UD@aol.com
To: qrp-1@lehigh.edu
Subject: [90676] FYBO de K2UD
Message-ID: <c7.6b28ac7.27b079df@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Well it was nice to get a good multiplier for 22F temps here. Seemed steady throughout the day. Sunday was more comfortable, but would have meant a

smaller multiplier!

Lessons learned:

Isotoners are nice gloves that let you use your key/keyer, and almost allow you to write. As far as keeping your fingers warm, they are about as useful as icecubes in Siberia.

Computers don't like the cold. I didn't experience this myself, just chuckled to myself that others were probably finding out the same thing!

The NorCal 40A AGC circuit doesn't like being in the sun in hot weather. It was fine during FYBO though.

The Whiterook paddle won't go into thermal dit runaway like some high-end paddles, and they don't care how many snowflakes land on them.

Pencil logs are very forgiving of snowflakes settling on them.

Heat is for wimps.

Field Day should be a week long, and held in the winter.

Next year, a tent!

Only operated on 40M, wish I would've tried other bands as there was much activity on them. Next year.....

72

Howard Kraus, K2UD

Date: Mon, 5 Feb 2001 14:27:33 -0800
From: "Doug Hendricks" <ki6ds@dph.dpol.net>
To: <qrp-1@lehigh.edu>
Subject: [90677] Richard Arland, where are you??
Message-ID: <01c08fc2\$d5c5a0a0\$330b0d0a@dhendricks>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Richard if you read this please send me your email address. I had it but lost it. West coast moment. 72, Doug

Date: Mon, 05 Feb 2001 17:34:43 EST
From: KF4YYD@aol.com
To: <qrp-1@lehigh.edu>
Subject: [90678] PC Board source
Message-ID: <de.fd9cd0e.27b08483@aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello,

Tried my hand at some Manhattan-style building this weekend but came up short. I was (stess the word was) using PC board stock from Radio Shack, but all I could get it to do was crumble everytime I tried to cut it. Could somebody steer my in the direction of a good economical sourc for PC board.....

Thanks,
Tom kf4yyd

Date: Mon, 5 Feb 2001 16:01:43 -0700
From: "Benedict B. Cruise" <B.Cruise@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [90679] What is RIT?
Message-ID: <000701c08fc7\$9cd2d2e0\$3f814a0c@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

What is RIT as in RIT kit can be added to SM40+ etc.?

Date: Mon, 5 Feb 2001 22:33:27 +0000
From: Larry S Cahoon <wd3p@juno.com>
To: qrp-1@Lehigh.EDU, elecrafft@qth.net
Subject: [90680] K1 #124 is on the air
Message-ID: <20010205.225755.-354201.2.wd3p@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Yesterday I finished K1 #124. Building commenced on Nov. 12 last year. I just took may good old time. Well actually I took what time I could

find. Now real problems were encountered. The only major one was that I was in the group of missing RF boards. But that was a small at this end and caused no delays.

So I started by putting the rig to the test by sending CQ on 20 meters running 500 mWatts. First call netted a response from George, W4GFA, in SC and a nice 559 signal report. He answered me a bit off frequency so I knew I had to check the offset on the rig. I finish that QSO and up comes Terry, KQ5U, calling me from TX. He had been reading the mail and just had to come back to someone running 500 mWatts. We eventually lost the contact with some QSB. But none the less the second QSO with the rig comes at 1,000 miles plus per watt.

After that I went back and set the offset using Spectrogram. Then I headed off to the county hunter frequency and notice that the calibration was a bit low. So I dug out the VE3DNL marker generator and reset the calibration. Then I was ready to go. For the rest of the day I worked the mobiles running the counties just to see what could be done with the rig. By the end of the day I ended up with 14 QSOs, 8 came in at 1,000 miles plus per watt.

I came home from work and quickly added four more 1,000 mile per watt QSOs to the log. This rig is working like a charm. I guess I really should go down and try out 40 meters with it.

73/72 de Larry.....WD3P in MD
<http://www.qsl.net/wd3p>

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 05 Feb 2001 17:00:29 -0600
From: Dave Sjolín <sjolin@swbell.net>
To: Qrp-l Reflector <qrp-l@Lehigh.EDU>
Subject: [90681] Monday Nite Fox Cub Announcement: NOIT
Message-ID: <3A7F308C.2EA6E198@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

NOIT will be returning again night for a return engagement as the Cub Fox. As usual, the hunt will begin at 0200Z (8 p.m. Central time) and run two hours.

I will be looking for a frequency around 7143, plus or minus the qrm. When calling, you may call on frequency or up or down about 500 hz. Unless the pileup is very large, its doubtful that I will listen any higher than 500 hz up. Since we will be operating in a narrow range, please send your call once or twice, then listen to hear who I come back to.

The CW speed, as with all Cub Fox hunts, will be about 10 wpm (assuming I can keep it down during all the excitement). I will be sending the call of station I am working, followed by RST, State (MO), Name (Dave) power (5W) and at the end of the transmission, the call Im working once again. Will be looking for similar exchange from those worked. Its very helpful for logging if the info is sent in this order. Thanks.

As I am using a Butternut Vertical for my sole 40 meter antenna, I suggest that those from states close to Missouri may want to be there at the beginning of the hunt as propagation is likely to lengthen as the evening progresses.

Hope the conditions are good. Look forward to working as many of you as I can tomorrow. Lets make it an even fifty.

Thanks again. CUL 72/73 de Dave, N0IT

Date: Mon, 05 Feb 2001 17:15:19 -0600
From: Mike <mmorrow@companet.net>
To: w7trx@mindspring.com
Cc: qrp-1@Lehigh.EDU
Subject: [90682] Re: Field radio/batt/solar?
Message-ID: <3A7F3407.776B@companet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

W7TRX wrote:

> I'm setting up a portable/field station right now. The radio is a
> Alinco DX-70T (700mah RX). <snip> I have a portable battery pack,
> 12v @ 14ah, and a little 5w solar panel.
>
> I will turn the rig down to 5 or 10 watts SSB, but the RX current
> draw is a bit high. I'm concerned my little battery and panel will
> fall short.

Tracy,

For years I've used a similar rig, the Kenwood TS-50S, for portable operation on camping trips where I would be set up close to the truck I use.

I think you will find that a solar panel and a 14 aH battery will *NOT* come close to meeting the needs of the DX-70, even at 10 or 5 watt settings. I owned a DX-70 at one time, and I consider it a fine rig (regardless of what the radio-elitists say) and an unbeatable value. But the 700 mA receive consumption puts a high demand on the battery system. You'll also find that the rig will probably draw around 4 amps on transmit, even at 10 watt setting. All these HF mobile rigs draw about the same current under similar conditions. They are fine radios when plenty of DC power is available, but they rapidly exhaust a truly portable battery system, and there's absolutely nothing that can be done to make the situation more practicable. In many of these rigs, bandswitching relays begin to spuriously drop out when the battery voltage drops much below 11.5 volts. In addition, if you use the full length of the DC cord supplied with the radio, you will get excessive voltage drop through that cable at higher power settings.

When I operate while camping in or near my truck, I use the TS-50S and a 210 AH deep-cycle (very important) battery. For afternoon outings, I will sometimes use a 34 AH deep-cycle battery, but that is marginal. I use a power cable that I cut as short as possible to get between the battery and the rig (about 2 feet). With this installation, I can monitor and transmit (even at 100 watts) for a several-day trip without problems. I also use the battery to supply a small lamp at night, and a 2m FM rig.

For *REAL* portable/backpacking operations, the rigs I use are:

- (1) DSW-20 and/or DSW-40: The ultimate and best trail-friendly radio ever made (IMHO), now sadly available only when someone sells a used one. Receive current consumption is 50 mA, and transmit consumption for 2 watts output is about 300 mA.
- (2) K1: I haven't taken this one to the woods yet, but it looks promising. Current consumption is a little higher than the DSWs, but the K1 is capable of more than 5 watts output for about 800 mA draw.

The new Yaesu FT-817 is an encouraging development, but with a receive current consumption of just under 400 mA, it obviously is *NOT* a backpacking radio unless one intends to carry a lot of battery weight. Maybe the next generation radio will address this issue better.

In short, I think the DX-70 makes a great camping/portable rig if you can supply the battery capacity. For treks away from "base camp," the

only real performers are the true QRP rigs with their careful design for efficiency, minimum bulk, and minimum weight.

I would guess from the description of your power system (12v/14 AH battery) and the size/weight of the DX-70 that you do not intend to carry this backpacking. The battery alone would be too large/heavy for most people. Yet you'll find it woefully lacking in endurance for a fixed portable setup. Best to get a larger deep-cycle battery (34 AH for very short duration trips, much larger for use over several days).

IMHO, of course,

73,

Mike / KK5F

Date: Mon, 05 Feb 2001 17:26:41 -0600
From: "George, W5YR" <w5yr@att.net>
To: B.Cruise@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [90683] Re: What is RIT?
Message-ID: <3A7F36B1.78327E9F@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"RIT" as an abbreviation stands for Receiver Incremental Tuning.

RIT describes the capability of a transceiver to permit the receive frequency to be changed from the "main dial" transmit frequency. In practice, RIT is usually implemented with a knob which can be turned to tune the receive frequency away from the dial frequency of the radio.

Less complex rigs can only transmit and receive on the same frequency. This can be a considerable operating limitation. Addition of RIT allows the receiver to be tuned to stations operating on other than the dial or transmit frequency.

Lots more on this in the ARRL Handbook.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP

6

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

"Benedict B. Cruise" wrote:

>

> What is RIT as in RIT kit can be added to SM40+ etc.?

Date: Mon, 5 Feb 2001 18:29:41 -0500

From: "ZOOM" <kandrparker@sympatico.ca>

To: <B.Cruise@worldnet.att.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [90684] Re: What is RIT?

Message-ID: <000f01c08fcb\$84b8a3c0\$39cdfea9@einstein>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

RIT Receive Incremental Tuning

Gives you the ability to move the receive frequency +/- some hz from you transmit frequency. Some RIT are set so both the transmit and receive can be moved.

Don't know about part 2 of your question since I don't have a SM40 but I'm sure someone else will be able to answer it.

Cheers,

Robert

VE3RPF

----- Original Message -----

From: Benedict B. Cruise <B.Cruise@worldnet.att.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Monday, February 05, 2001 6:01 PM

Subject: What is RIT?

> What is RIT as in RIT kit can be added to SM40+ etc.?

>

>

>

Date: Mon, 5 Feb 2001 15:36:06 -0800 (PST)

From: Jim Hale <kj5tf@yahoo.com>

To: QRP-L <qrp-l@Lehigh.EDU>

Subject: [90685] Hellschreiber QRP with my K2

Message-ID: <20010205233606.78053.qmail@web10014.mail.yahoo.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Just want to say, come on in and try this
Hellschreiber mode! Called feld hell for short its a
blast. I said a few words about it in my latest
milliwatt column in the ARCI QRP Quarterly, and there
was a QST article recently also.

The fax like print is nothing like your psk31, or
rtty! Its "different", so you have to try it.

I have been making plenty of QSO's on 30M feld hell
and the sub-modes too. Also 80M is a good place to
look.

Be sure to join the Hellschreiber reflector!

<http://www.qsl.net/z11bpu>

I run at the most 5 watts, and usually 2 watts is
enuf. Ive made several QSO's with 700mW.

CU in Hell!!

72/3's de Jim KJ5TF
"All Milliwatts, All The Time" (almost)

=====
<http://www.madisoncounty.net/~kj5tf/>
Milliwatting Editor ARCI QRP Quarterly
Join/renew membership QRP Amateur Radio Club International
<http://www.qrparci.org/arcijoin.html>
AR QRP#2 - Kingston, Arkansas 35.94N 93.47W
Private email kj5tf@madisoncounty.net

Get personalized email addresses from Yahoo! Mail - only \$35
a year! <http://personal.mail.yahoo.com/>

Date: Mon, 05 Feb 2001 23:36:36
From: "laura halliday" <marsgal42@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [90686] Re: 40 m reciever
Message-ID: <F126EJcbQVUy0yVe5rp000066e7@hotmail.com>
Mime-Version: 1.0

Content-Type: text/plain; format=flowed

Francis Callahan (colcal@srv.net) wrote:

>I am looking some information on what would be a good 40m
>reciever to match up to my TT2 either in a kit or something
>already built...

Consider also a good direct conversion receiver like those
published by KK7B. A little more expensive than some of
the other options, but you get what you pay for.

All the usual references. QRP Power is handy. Look on
the web as well. Kits from Kanga U.S., or roll your own.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
ICBM: 49 15.042 N 122 59.053 W - Hospital/Shafte

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>.

Date: Mon, 5 Feb 2001 15:36:23 -0800 (PST)
From: wa4dou@excite.com
To: qrp-1@lehigh.edu
Subject: [90687] [TMPS] So Far @ WA4DOU
Message-ID: <11324173.981416185411.JavaMail.imal@seamore.excite.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

TMPS results so far:

Q's: 51 States: 18 Continents: 4 Countries: 25

Power Output: 4 watts
Antenna: 40 meter Inverted vee up 40 ft. at the center

States worked: ME SC MS FL MN IL TN NC ND NM MI NY IA MA TX IN CT PA

Countries worked: F YO HK0 K VE DK ON IK EA HC 9A V31 LZ FG T9 FR 3B8 XE G
Z3 EU LU YV RV SV

73 de Roy WA4DOU

Send a cool gift with your E-Card
<http://www.bluemountain.com/giftcenter/>

Date: Mon, 05 Feb 2001 15:48:30 PST
From: Roger Traylor <traylor@ece.orst.edu>
To: qrp-1@lehigh.edu
Subject: [90688] Re: What is RIT... XIT?
Message-ID: <200102052348.PAA24043@tongu.ECE.ORST.EDU>

Gang,

Ok, I understand RIT. What about XIT? I assume to understand the concept, but what is the advantage? Should I have RIT and XIT? Why?

Roger Traylor
WB4TPW

Date: Mon, 5 Feb 2001 18:55:46 -0500
From: "ZOOM" <kandrparker@sympatico.ca>
To: <traylor@ece.orst.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [90689] Re: What is RIT... XIT?
Message-ID: <003b01c08fcf\$2883c360\$39cdfea9@einstein>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

XIT is the opposite. Transmit Incremental tuning. This moves the transmit some hz +/- from the receive frequency. It really does not matter which you use since either the receive shifts or the transmit frequency shifts. You can think of it like a second VFO but for qrp except you only move a few hz either side. You can have both by adding a switch to select what you want.

Regards,
Robert

VE3RPF

----- Original Message -----

From: Roger Traylor <traylor@ece.orst.edu>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Monday, February 05, 2001 6:48 PM

Subject: Re: What is RIT... XIT?

> Gang,

>

> Ok, I understand RIT. What about XIT? I assume to understand the
> concept, but what is the advantage? Should I have RIT and XIT? Why?

>

> Roger Traylor

> WB4TPW

>

End of QRP-L Digest 2089
